

Implementing VFC 5000TP: Vaccine Transport Data logger

July, 2014



What is in the package?

- A glycol vial with probe
- A data logger
- A CD
- A brief quick start guide
- Battery
- Cradle



Installing VFC 5000TP


Major steps:

- Installing the software.
 - Purpose designed software is available on a CD in the data logger package.
- Activating the data logger.
- Using the data logger.
- Downloading the information.
- Inactivating/stopping the data logger.
- Resetting the data logger.
- Handling temperature excursions.





Cooling the glycol vials

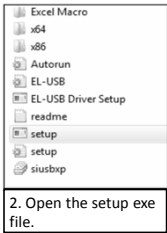

- For frozen vaccines:
 - Freeze the glycol vial with the vaccine for at least 2 hours
- For refrigerated vaccines:
 - Refrigerated the glycol vial with the vaccine for at least 2 hours.



Step 1: Opening the CD

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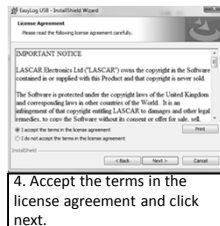
Step 2: Installing the software



3. Click next.



Step 2: Installing the software



4. Accept the terms in the license agreement and click next.



Step 3: Finishing the installation



5. Click install and then Finish.

Your computer might ask you if you want to allow Lascap software to make changes to your computer. Please click Yes.




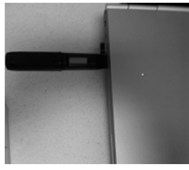
Step 4: Finishing the installation




Software successfully installed.
The software will create a shortcut
icon on your Desktop.




Step 5: Connect the data logger to a USB port on your
computer.



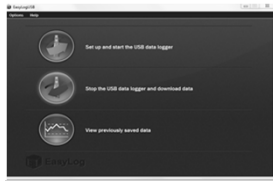
Step 6: Setting up the data logger




Double click the software (a shortcut icon
on your desktop).




Step 6: Setting up the data logger




Click on set up and start the USB data logger.




Step 7: Setting up the data logger




Name the logger: you may use your facility name.
Select temperature scale: °F or °C.
Input type should be "Type 2".
Select frequency of reading: every 15 minutes is recommended.



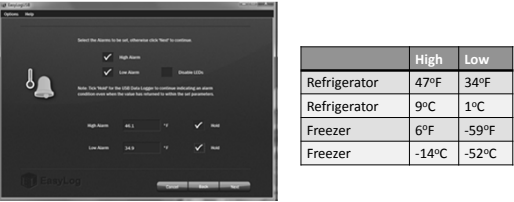
Step 8: Setting up the data logger



Select the display: "LCD always on."
Select how the logger should perform when full: "Logger stops."




Step 9: Setting the alarm




	High	Low
Refrigerator	47°F	34°F
Refrigerator	9°C	1°C
Freezer	6°F	-59°F
Freezer	-14°C	-52°C


Check high and low alarm check boxes.
Insert the high and low alarm levels from the table on the right.

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Step 9: Setting the alarm



Enter "1" for number of high and low alarms.

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Step 10: Select when you would like the data logger to start



Select the second option, the data logger will start when the button is pressed.


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Step 11: Using the data logger after activation

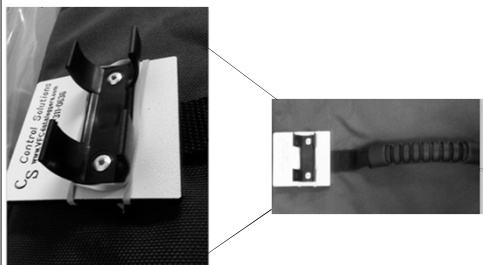


Activation completed.


Cool your glycol vial for at least 2 hours before using.




Step 12: Attaching the data logger to the cooler




Attach the cradle firmly to the cooler handle with rubber band. You can use other things to secure the cradle. Look for an opening space on the handle of the cooler.



Step 13: Attaching the data logger to the probe




Attach the data logger to the outside of the cooler and then to the probe.



Step 14: Using the data logger for vaccine transport


- If you chose to start the data logger when the button is pushed.
 - "PS" - displays on the screen.

Connect the data logger to the probe.
 Press the "push" button to start recording temperature.
- When you start logging.
 - "Log" -appears on the screen.
 - It starts to display the temperature immediately.




Step 14: Using the data logger for vaccine transport

- Check the temperature every 30 minutes during vaccine transport.
- When you finish transporting vaccines, download the information and look at the report.
- Vaccine transport temperature logs are available at:
www.ndhealth.gov/Immunize/Documents/Providers/Forms/VaccinetransportC.pdf
- www.ndhealth.gov/Immunize/Documents/Providers/Forms/VaccinetransportF.pdf





Alarm Signs

- Interpreting the alarm signs is confusing.
- Please check the user guide for the interpretations.
- As a general rule,
 - If red light flashes there is a problem.
 - If green light flashes, there is no alarm.




Step 15: Downloading the data






Stop the USB data logger and download data

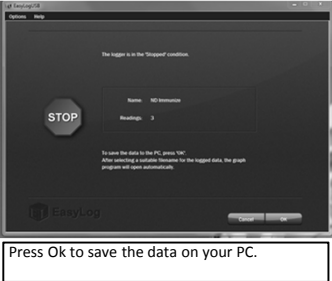

- After you finish transporting vaccines, unplug the data logger from the probe.
- Insert the data logger into the USB port on your computer.
- Click on stop the USB to stop the data logger.
- **Do not click the green button the recorded data will be deleted.**



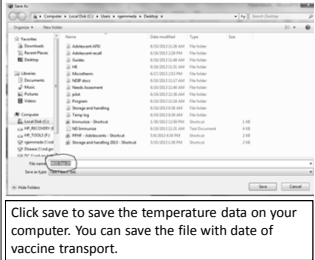

Set up and start the USB data logger




Step 15: Downloading the data

Step 16: Saving the data


Step 17: Viewing the saved data



View previously saved data

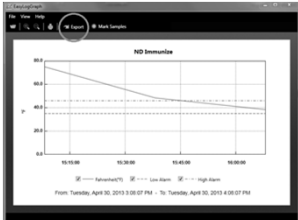
Click on view previously saved data.

Open the file from your computer. The program will help you view and save previous data.




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Step 18: Viewing and the saved data and saving to Excel




- Click export.
- Automatically exports the temperature data to Excel.
- The Excel file will have the data and a graph.
- The data will remain in the logger's memory until it is reset again.




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Step 19: Stopping the data logger



Stop the USB data logger and download data

After downloading the temperature data, you can stop the data logger by clicking on this icon.



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Step 20: Resetting the data logger for next use




- Click on the green button to start recording again.
- Repeat steps 5-14.
 - Old data will be deleted.



Maintaining your data logger


- If low battery state is detected- use a new 3.6 Lithium ½ AA battery.



- Batteries are available at: www.vfcdataloggers.com


Save your battery

- Do not leave the VFC 5000-TP connected to your PC. It will affect the battery and cause erroneous record.
- Turn off when not in use.



What if I see an alarm or out of range temperature?

- Let the data logger record the temperature until you take the vaccines out of the cooler.
- Then stop the data logger and download the data.
- Contact the vaccine manufacturer to check if the vaccines are viable.
- Use the vaccines if they are viable. If not, contact the immunization program and fill out the vaccine wastage form in the NDIIS.
- We do not expect vaccine transport temperature data from providers.



Resources

Training video available at:
www.lascarelectronics.com/data-logger/easylogger-software.php
Help menu available at:
www.vfcdataloggers.com/VFC5000TC%20MANUAL.PDF
Other information available at: www.lascarelectronics.com/data-logger/

Technical support available at
Control solutions Inc.
1(888)311-0636